

Date: December 16, 2014

To: Thomas J. Bonfield, City Manager

Through: W. Bowman Ferguson, Deputy City Manager

From: Donald F. Greeley, Director, Department of Water Management

Subject: Award of Construction Contract
SR-60 Hope Valley and Keystone Lift Station Abandonments and West Street Sewer Outfall Repair

Executive Summary

The Department of Water Management (DWM) advertised for public bids for the construction of various capital projects, and on December 4, 2014 four bids were received. After evaluation by City staff it is recommended that a contract be awarded to the lowest cost, responsive and responsible bidder, J. F. Wilkerson Construction Company, Inc.

Recommendation

The Department recommends that the City Council:

1. Authorize the City Manager to execute a contract with J. F. Wilkerson Construction Company, Inc., for the SR-60 Hope Valley and Keystone Lift Station Abandonments and West Street Sewer Outfall Repair project at a base contract cost of \$583,386.00.
2. Establish a contingency fund in the amount of \$58,614.00.
3. Authorize the City Manager to negotiate change orders provided that the cost of all change orders does not exceed \$58,614.00 and the total project cost does not exceed \$642,000.00.

Background

DWM plans to eliminate and demolish two problematic lift stations as well as make pipeline repairs to an existing sewer outfall. The two stations, Keystone and Hope Valley, will be taken out of service by extending gravity sewer mains from each lift station location to downstream manholes that did not exist when the lift stations were constructed. The downstream manholes were installed in subsequent development projects.

The West Street Sewer Outfall repair/replacement is needed on a segment of sewer main located along a stream. The stream banks have eroded over the years, exposing a portion of the existing sewer. If the condition is not addressed, the sewer may become undermined and fail. Portions of the outfall are also very difficult to access for routine cleaning and inspection. This project will relocate the outfall in two areas to alleviate both these issues.

Issues and Analysis

The following four bids were received on December 4, 2014:

Contractor	Bid
J. F. Wilkerson Construction Company Inc.	\$583,386.00.
Carolina Civilworks, Inc.	\$711,824.11*
Park Construction Corp.	\$737,713.00
Pipeline Utilities Inc.	\$757,000.00

*Mathematical error adjusted from Bid Document (\$711,823.68)

Review of the bids deemed all bidders responsive and responsible, and based on the final contract price; J. F. Wilkerson Construction Company, Inc., is recommended.

Alternatives

Alternative 1: Do not go forward with the project – Continued maintenance of these stations results in both unnecessary costs and potential liability to the City. A failure of aged equipment or controls may lead to an overflow. The erosion at the West Street sewer and deteriorated condition of the pipe will continue to get worse if left as is. This alternative is not recommended.

Financial Impact

Funds for this project were approved in the Capital Improvements Program Sewer Collection System Rehabilitation.

There are currently funds available for this project from 4100P800-731000-P280C (\$583,386.00), 4100P800-731900-P280C (\$58,614.00).

SDBE REQUIREMENTS

The Equal Opportunity/Equity Assurance Department reviewed the bid submitted by J.F. Wilkerson Contracting Company, Inc., Morrisville, North Carolina to determine compliance with the Ordinance to Promote Equal Business Opportunities in City Contracting. The goals for this project are MSDBE 6% and WSDBE 3%. It was determined that J.F. Wilkerson Contracting Company, Inc. was in compliance with the Ordinance to Promote Equal Business Opportunities in City Contracting.

J.F. Wilkerson Contracting Company, Inc. will subcontract to the following certified firms:

Firm	ID	City/State	Amount	% of Contract
RDU Paving	WSDBE	Raleigh, NC	\$9,000	1.5%
Cooper & Associates Surveyors, P.A.	WSDBE	Cary, NC	\$8,000	1.4%
Carolina Environmental Contracting Co., Inc.	WSDBE	Mount Airy, NC	\$5,950	1%

The MSDBE goal was not met but J.F. Wilkerson Contracting Company, Inc. demonstrated a good faith effort in trying to obtain it. The WSDBE goal was met.

WORKFORCE STATISTICS

The workforce statistics for J.F. Wilkerson Contracting Company, Inc. are as follows:

Total Workforce	29	
Total Females	1	3%
Total Males	28	97%
Black Males	6	21%
White Males	13	45%
Other Males	9	31%
Black Females	0	0%
White Females	1	3%
Other Females	0	0%